What is claimed is:

1. A radiation image forming unit comprising:

a stimulable phosphor sheet repeatedly usable for recording the radiation image information of a subject based on radiation applied thereto and erasing the recorded radiation image information; and

a case for storing said stimulable phosphor sheet,

wherein a sheet member of a different material is attached to said stimulable phosphor sheet.

2. A radiation image forming unit according to claim 1, wherein said stimulable phosphor sheet has a recess, said sheet member of the different material being detachably mounted in said recess by a fastening member.

3. A radiation image forming unit according to claim 2, wherein said stimulable phosphor sheet has a frame, said recess being defined in a surface of said frame, said stimulable phosphor sheet having a phosphor layer detachably mounted in a recess defined in another surface of said frame.

4. A radiation image forming unit comprising:

a stimulable phosphor sheet repeatedly usable for recording the radiation image information of a subject based on radiation applied thereto and erasing the recorded

radiation image information; and

a case for storing said stimulable phosphor sheet,

wherein a sheet member of a different material is attached to said case.

5. A radiation image forming unit according to claim 4, wherein said sheet member is removably attached to a surface of said case which is exposed to radiation applied to said stimulable phosphor sheet.

6. A radiation image forming unit according to claim 4, wherein said case has a recess, said sheet member of the different material being detachably mounted in said recess by a fastening member.

7. A radiation image forming unit according to claim 4, wherein said case comprises:

a casing for storing said stimulable phosphor sheet; and

a light shield plate detachably mounted on said casing, a lid being angularly movably mounted on a portion of said light shield plate;

said sheet member of the different material being detachably mounted on an inner surface of said light shield plate.

8. A radiation image forming unit according to claim 4,

wherein said case comprises:

a casing for storing said stimulable phosphor sheet; and

a lid openably and closably mounted on said casing;

said sheet member of the different material being detachably mounted on an inner surface of said lid.

9. A radiation image forming unit according to claim 4, wherein said case comprises:

a tray for being stored in an opening defined in a side of said case;

said tray having:

a cap for closing said opening;

said removable sheet member of the different material; and

said stimulable phosphor sheet.

10. A radiation image forming cassette for storing a stimulable phosphor sheet repeatedly usable for recording the radiation image information of a subject based on radiation applied thereto and erasing the recorded radiation image information, said radiation image forming cassette having a sheet member of a different material from the radiation image forming cassette, said sheet member being mounted on at least one surface of the radiation image forming cassette.

11. A radiation image forming cassette according to claim 10, wherein said sheet member is removably attached to a surface of said cassette which is exposed to radiation applied to said stimulable phosphor sheet.

12. A radiation image forming cassette according to claim 10, wherein said surface of the radiation image forming cassette has a recess, said sheet member of the different material being mounted in said recess.

13. A radiation image forming cassette according to claim 10, wherein said sheet member of the different material is removably attached to the radiation image forming cassette.

14. A radiation image forming cassette according to claim 10, wherein said radiation image forming cassette has a thickness which is at most 1/2 of a standard value according to ISO 4090.

15. A radiation image forming cassette according to claim 14, wherein said cassette comprises a pair of cassettes stacked together, protrusions are formed on a frame of one of said pair of cassettes, and recesses are formed on a frame of the other of said pair of cassettes, respectively, and

said protrusions are fitted in said recesses such that

said pair of cassettes are in alignment with each other.

16. A radiation image forming cassette according to claim 14, wherein a marking is provided on a radiation image recording area of said cassette for adjusting a position of a radiation image recorded in said radiation image recording area.